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PATENT
Customer No. 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Stice et al.) Group Art Unit: 1632
U.S. Patent No. 6,235,969)
(filed as Appln. No. 08/888,057)) Examiner: Deborah Crouch
Application No.: 09/845,353)
Application No.: 10/817,573)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REVOCATION OF POWER OF ATTORNEY
AND GRANT OF NEW POWER OF ATTORNEY

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in the patent and applications identified above, hereby revokes all previous powers of attorney or authorization of agent granted in the above-identified patent and applications before the date of execution hereof.

The undersigned verifies that University of Massachusetts, as represented by its Amherst Campus, is the assignee of the entire right, title, and interest in the patent and applications identified above by virtue of assignments recorded at Reel 8945, Frame 0282 (copies attached). The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the assignee University of Massachusetts, as represented by its Amherst Campus.

The undersigned hereby grants its power of attorney to the patent practitioners associated with **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER**,

L.L.P., Customer Number 22,852, to prosecute the above-identified patent and applications and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning the above-identified patent and applications to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., Customer No. 22,852.

Dated: 11-21-06

By: N. DeCristofaro

Name: Nicholas DeCristofaro

Title: Director, Commercial Ventures & Intellectual Property

University of Massachusetts,
as represented by its Amherst Campus

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MARCH 26, 1998

PTAS
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RECORDATION DATE: 02/03/1998

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: STICE, STEVEN L. DOC DATE: 09/02/1997

ASSIGNOR: ROBL, JAMES M. DOC DATE: 09/02/1997

ASSIGNOR: CIBELLI, JOSE DOC DATE: 09/02/1997

ASSIGNOR: GOULUEKE, PAUL DOC DATE: 09/05/1997

ASSIGNEE:
MASSACHUSETTS, UNIVERSITY OF
OFFICE OF VICE CHANCELLOR FOR RESEARCH AT AMHERST
AMHERST, MASSACHUSETTS 01002SERIAL NUMBER: 08888057 FILING DATE: 07/03/1997
PATENT NUMBER: ISSUE DATE:

APR 7 1998

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R&T/RCF

8945/0282 PAGE 2

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Attorney's Docket No. 000270-012

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Steven L. STICE;
James M. ROBL;
Jose CIBELLI; and
Paul GOLUREKAdditional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: September 2 and 5, 1997

2. Name and address of receiving party(ies):

Name: University of Massachusetts

Address: Office of Vice Chancellor For Research

At Amherst,

Amherst, Massachusetts, 01002

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/888,057

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robin L. Testin

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account, if necessary

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard C. Ekstrom, Reg. No. 37,077
Name of Person SigningRichard C. Ekstrom
SignatureFebruary 3, 1998
Date

Total number of pages including cover sheet, attachments, and document: Three (3)

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231DOCKETED
filed 2/3/98

000270-012

Attorney's Docket No.

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by STEVEN L. STICE, JAMES M. ROBL, JOSE CIBELLI, and PAUL GOLUEKE, residing at 468 AMHERST ROAD, BELCHERTOWN, MASSACHUSETTS 01007; 196 OLD ENFIELD, BELCHERTOWN, MASSACHUSETTS 01007, 166 VILLAGE PARK, AMHERST, MASSACHUSETTS 01002, AND 8 DIANE DRIVE #3, BELCHERTOWN, MASSACHUSETTS 01007 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in CLONING PIGS USING DONOR NUCLEI FROM DIFFERENTIATED CELLS, [] which is a provisional application to be filed herewith; [] which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; [X] bearing Application No. 08/688,067, and filed on JULY 3, 1997; and

WHEREAS, UNIVERSITY OF MASSACHUSETTS, A PUBLIC INSTITUTION OF HIGHER EDUCATION OF THE COMMONWEALTH OF MASSACHUSETTS, AS REPRESENTED BY ITS AMHERST CAMPUS and having its principal place of business at OFFICE OF VICE CHANCELLOR FOR RESEARCH AT AMHERST, AMHERST, MASSACHUSETTS 01002 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including the provisions applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

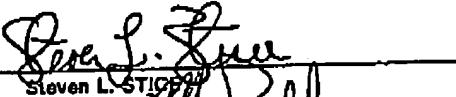
AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever

Application Serial No. 08/888,057
Attorney's Docket No. 000270-012

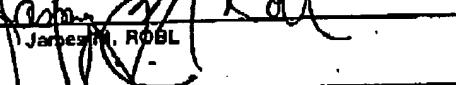
counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 9/2/97 Signature of Assignor


Steven L. STIPEK

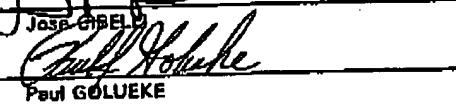
Date 9/2/97 Signature of Assignor


James M. ROBL

Date 9/2/97 Signature of Assignor


Jase CABEL

Date 9/5/97 Signature of Assignor


Paul GOLUEKE

Date _____ Signature of Assignor _____

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